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# भारत का राजपत्र

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प्राप्तिकार से प्रकाशित

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इस भाग में भिन्न पृष्ठ संख्या वी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

[Separate paging is given to this Part in order that it may be filed as a separate compilation]

### भाग III—खण्ड 2

#### [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

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Calcutta, the 6th August 1983

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#### APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed under Section 135, of the Act.

30th June 1983

807/Cal/83. The Babcock & Wilcox Company. Force transducer range adjuster.

808/Cal/83. The Babcock & Wilcox Company. Function Generator.

809/Cal/83. The Babcock & Wilcox Company. Calorimeter.

810/Cal/83. The Babcock & Wilcox Company. Combustion Device having heat recovery catalytic heat exchanger.

811/Cal/83. Franz Xaver Huemer. Circular Loom (2).

812/Cal/83. Asahi Kesei Kogyo Kabushiki Kaisha. High Tenacity Polyhexamethylene Adipamide Fiber.

813/Cal/83. Rca Corporation. Vertical Igfet Device and method for fabricating same.

814/Cal/83. Rhone-Poulenc Films. Process for preparing a biaxially oriented polyester film, useful as a base for magnetic tape the film so made and magnetic tape comprising the same.

815/Cal/83. British Aerospace Public Limited Company. Console assemblies for control stations. (June 30, 1982 and March 26, 1983).

816/Cal/83. Skf (U.K.) Limited. Improvements in seals for bearings. (June 30, 1982).

817/Cal/83. Snia Fibre S.p.A. A method of preparing poly-capronamide yarn windings, and windings obtained thereby.

The 1st July 1983

818/Cal/83. Minnesota Mining and Manufacturing Company. Protective covering for magnetic recording medium.

819/Cal/83. Minnesota Mining and Manufacturing Company. Low Surface Energy Liner of Perfluoropolyether.

820/Cal/83. Minnesota Mining and Manufacturing Company. Composite Low surface energy liner of perfluoropolyether.

821/Cal/83. Schlumberger Limited. Method and Apparatus for cement bond logging.

822/Cal/83. Union Carbide Corporation. Process for forming film from low strain hardening polymers.

The 2nd July 1983

823/Cal/83. Korea Advanced Institute of Science and Technology. Process for the production of (+)-4-Oxo-1, 2, 3, 6, 7, 11b-hexahydro-4H-pyrazino (2, 1-a) isoquinoline derivatives.

824/Cal/83. The Babcock & Wilcox Company. Rate Multiplier square root extractor with increased accuracy for transmitter applications.

825/Cal/83. The Babcock & Wilcox Company. On-Line Coal Analyzer.

826/Cal/83. Firma Carl Still GmbH & Co. KG. Improvements in and relating to a coke oven door.

827/Cal/83. Schlumberger Limited. A single-wire selective perforation system having string safeguards.

The 4th July 1983

828/Cal/83. Hitachi, Ltd. Shaft Sealing Apparatus.

829/Cal/83. Isover Saint-Gobain. Process and Apparatus for the formation of fibre felt containing an additional product.

830/Cal/83. A. H. Robins Company, Incorporated. 3-Phenoxy-1-Azetidine-Carboxamides.

5th July 1983

831/Cal/83. Personal Products Company. Pressure Sensitive Hot Melt Adhesive for sanitary Products.

832/Cal/83. Combustion Engineering, Inc. Method of Reducing NO<sub>x</sub> and SO<sub>x</sub> emission. (August 6, 1982).

833/Cal/83. F. L. Smith & Co. A/S. Apparatus for burning Pulverulent Raw Material.

834/Cal/83. The City University. Locomotives and means for augmenting the tractive effort of locomotives. (July 5, 1982).

The 6th July 1983

835/Cal/83. Beloit Corporation. Magnetic Spoiler Bar Apparatus.

836/Cal/83. Rheinische Braunkohlenwerke AG. Flammable Dust From Gas and Electrostatic Precipitator for carrying out the method.

837/Cal/83. Mitsubishi Denki Kabushiki Kaisha. Lightning Arrester with leakage current detection.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH MUNICIPAL MARKET BUILDING, IIIRD FLOOR, KAROL BAGH, NEW DELHI-5

The 1st June 1983

365/Del/83. Mohinder Parkash Murgai and Lalit Kumar Das, "A Cock Stove".

366/Del/83. Mohinder Parkash Murgai and Lalit Kumar Das, "A Cock Stove".

367/Del/83. Paul Wurth S. A., "Apparatus for driving an oscillating spout".

368/Del/83. Paul Wurth S.A., "Apparatus for driving an oscillating spout".

369/Del/83. Joginder Singh Kang, "Kang Economical Safety thresher".

The 2nd June 1983

370/Del/83. Council of Scientific and Industrial Research, "Process for the conversion of methanol to hydrocarbons".

The 3rd June 1983

371/Del/83. Imperial Chemical Industries PLC, "Mouldable composition and shaped product produced therefrom". (June 9, 1982 & April 22, 1983).

372/Del/83. Indian Council of Agricultural Research, "Ginning percentage indicator".

373/Del/83. Indian Council of Agricultural Research, "Ginning percentage indicator".

374/Del/83. Indian Council of Agricultural Research "Ginning percentage indicator".

The 4th June 1983

375/Del/83. Delhi Cloth & General Mills Co., Ltd., "A process for the manufacture of hydrated calcium hypochlorite".

376/Del/83. Delhi Cloth & General Mills Co., Ltd., "A process for the manufacture of hydrated calcium hypochlorite".

377/Del/83. Delhi Cloth & General Mills Co., Ltd., "A process for the manufacture of hydrated calcium hypochlorite".

The 6th June 1983

378/Del/83. UOP INC., "Multiple valve apparatus for simulated moving bed absorption processes".

379/Del/83. Imperial Chemical Industries PLC, "Coloured intagliaed articles".

380/Del/83. Imperial Chemical Industries PLC, "Porous diaphragm for electrolytic cell". (June 9, 1982).

The 7th June 1983

381/Del/83. Abhimanyu Tambar, "Controlling audio visual distraction".

382/Del/83. Council of Scientific & Industrial Research, "A process for the preparation of active anti-diabetic extract of catharanthus reseus plant leaves".

383/Del/83. The General Electric Company, P.L.C., "Load transporting and positioning arrangements". (June 9, 1982).

384/Del/83. Maschinenfabrik reinhausen gebruder scheubeck GmbH & Co., KG, "Star point load selector for a tapped transformer".

385/Del/83. L'Air Liquide, Societe Anonyme Pour L'Etude Et L'Exploitation Des Procedes Georges Claude, "Container having a high degree of thermal insulation and method for fabricating the same".

386/Del/83. The Halcon Sd Group, Inc., "Process for preparing ethylene glycol".

The 8th June, 1983

387/Del/83. Gleizes Raymond Marc Xavier Ryssel Ltd., "Astigmatic optical element, the manufacturing process, illuminating apparatus including the same and articles treated by the same".

388/Del/83. Cosudarsvtenny Nauchno-Issledovatelsky Institut Khimii I Tekhnologii Elementoorganicheskikh Soedineniy, "Process for producing hydrogen peroxide".

389/Del/83. Donetsk Politekhnichesky institut, "Pulse hydraulic monitor".

The 9th June 1983

390/Del/83. Exxon Production Research Co., "Acoustic dipole shear wave logging device".

The 10th June 1983

391/Del/83. Rajesh Sharma, "An improved disposable pencil structure and method of sharpening pencil lead".

392/Del/83. Council of Scientific & Industrial Research, "Process for the preparation of hydroxy-aluminum/chromium inorganic polymers".

393/Del/83. Council of Scientific and Industrial Research, "Mini Excess air burner".

394/Del/83. Council of Scientific & Industrial Research, "Process for the synthesis of 1, 2-CIS-[PB-Pyrrolidinoethoxy] Phenyl-5-methoxy indane".

395/Del/83. Shell Internationale Research Maatschappij B. V., "Anti-coagulants of the 4-hydroxycoumarin type; the preparation thereof; and rodenticidal compositions (bait) comprising such anti-coagulants". (June 14, 1982 & January 10, 1983).

#### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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CLASS : 98I.

151799

Int. Cl. F 24j 3/02.

#### SOLAR ENERGY COLLECTOR ASSEMBLY.

Applicant & Inventor : RAYMOND BARBER LARSEN,

OF 79 BOLSA, MILL VALLEY, CA 94941, UNITED STATES OF AMERICA.

Application No. 1240/Cal/79 filed November 27, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

#### 14 Claims

A solar energy collector assembly comprising : a flexible thin solar energy collector film; an adjacent flexible thin film; frame means independency engaging the edges of each of said films for supporting said films solely from their edges coextensive in facing cooperative spaced relationship to each other under predetermined tension said frame means adapted to be supported on a supporting surface with the films spaced above the surface and solely supported by the frame; means in said frame for applying water between said solar energy collector film and adjacent flexible film; whereby said flexible films are urged against the water by the predetermined tension and by the wetting action of the water to cause the water to flow in the form of a uniform thin film in contact with substantially the entire area of said collector film to recover heat from the collector film; and means in said frame for collecting the heated water as it flows from the collector sheet.

(Compl. Specn. 25 Pages.)

Drg. 2 Sheets.)

CLASS 32F<sub>2</sub>(b) & 55D<sub>2</sub>.

151800

Int. Cl. A 01 n 9/00; C 07 d 5/16; 85/22.

A PROCESS FOR PREPARING NOVEL 3'-(SUBSTITUTED PHENYL)-SPIRO [ISOBENZOFURAN-1 (3H), 5' (4'H)-ISOXAZOL]-3-ONES.

Applicants : MONSANTO COMPANY, OF 800 NORTH LINDBERGH BOULEVARD, ST. LOUIS, MISSOURI 63166, UNITED STATES OF AMERICA.

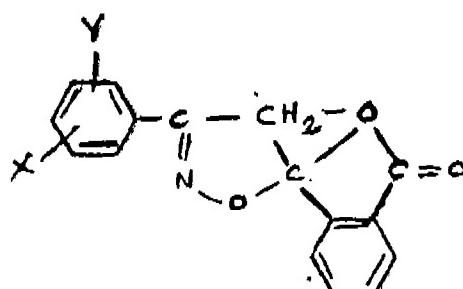
Inventor : ROBERT KENNETH HOWE.

Application No. 1321/Cal/79 filed December 19, 1979.

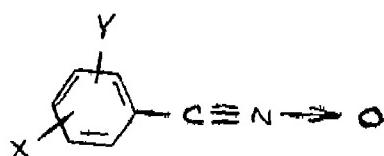
Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) The Patent Office, Calcutta.

#### 10 Claims

A process for preparing novel 3'-(substituted phenyl)-spiro [isobenzofuran-1 (3H), 5' (4'H)-isoxazol]-3-ones having the formula I



wherein X and Y are independently selected from the group consisting of hydrogen, halogen, lower alkyl, lower alkoxy, halo-lower-alkyl, phenoxy, phenyl and cyano, which comprises reacting a nitrile oxide having the formula II



at a temperature of at least normal room temperature or above under basic conditions with 3-methylenephthalide in an inert solvent.

(Compl. Specn. 12 Pages.)

CLASS : 107G.

Int. Cl. F 02 d 7/02, 9/02.

**AIR-FUEL CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINES.**Applicants : CUMMINS ENGINE COMPANY, INC.,  
1000 5TH STREET, COLUMBUS, INDIANA, UNITED  
STATES OF AMERICA.: (1) HARRY LEE WILSON AND (2) DAVID  
AULTZ.

Application No. 1357/Cal/79 filed December 28, 1979.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

**11 Claims**

A fuel supply device for an internal combustion engine having a fuel source, a pump for supplying fuel from the source to the engine and an intake manifold for supplying air to the engine, and air pressure responsive means for modulating mechanically the flow of fuel into the engine in response to the pressure of air within the intake manifold, said air pressure responsive means comprising a control chamber, pressure responsive actuating means connected with said control chamber for transforming changes in intake manifold pressure into mechanical movement for operating said air pressure responsive means, and an air line connecting said intake manifold with said control chamber, wherein the improvement is characterized by transient response modifying means for causing said air pressure responsive means to respond more slowly to increasing pressure within the intake manifold than to decreasing pressure, said transient response modifying means comprising a source of fluid isolated fluidically from the intake manifold and attenuating chamber isolated fluidically from said control chamber and having a volume which varies directly with mechanical movement of said pressure responsive actuating means, passage means for forming a fluid flow passage between said source of fluid and said attenuating chamber to cause fluid to flow into and out of said attenuating chamber in response to mechanical movement of said pressure responsive means, and attenuator means connected with said pressure means for restricting flow of fluid through said passage in one direction while permitting relatively unrestricted flow in the opposite direction.

(Compl. Specn. 25 Pages.)

Drg. 4 Sheets.)

CLASS : 32F<sub>9(a)</sub> & 55E<sub>4</sub> & 60X<sub>2(a)</sub>.

151802

Int. Cl. A 61 k 27/00; C 07 b 5/00; C 07 c 49/76.

**A CONTINUOUS PROCESS FOR PREPARATION OF DIAN.**

Applicants : INSTYTUT CJEZKIEJ SYNTEZY ORGANICZNEJ "BLACHOWNIA" KEDZIERZYN-KOZLE, POLAND.

Inventors : (1) MICIEJ KIEDIK, (2) JOZEF KOLT, (3) JERZY CZYZ, (4) EDWARD GRZYWA, (5) ANNA NIEZGODA, (6) KAZIMIERZ TERELAK.

Application No. 61/Cal/80 filed January 17, 1980.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

**6 Claims**

A method for preparing dian by condensation of phenol with acetone in the presence of acid ion-exchange catalyst of the type of sulphonated co-polymer of styrene and divinylbenzene, with multiple circulation of the reaction mixture through a bed of the catalyst placed in the reactor, wherein said process is conducted in three stages, characterised in that said three stages of the process are performed in two reactors in two stationary catalyst beds, each of the beds having the height of 5-20 m, each of said beds being divided into an upper and bottom zone; wherein said reaction mixture is circulated in each stage of the process with a different linear velocity, said first stage of the process being conducted in the bed of the first reactor first in said bottom and then upper zone of the catalytic bed at a temperature of 80-85°C, said second stage being carried out in the bottom zone of the catalytic bed of the second reactor at a temperature of 65°C to 90°C, and the third stage of the process being conducted in the upper zone of the second reactor at a temperature of 70° to 95°C.

Drg. 1 Sheet.)

151801

(Compl. Specn. 16 Pages.)

Drg. 1 Sheet.)

151803

Int. Cl. A 01 n 9/12, 9/20; C 07 c 143/58, 147/06, 149/32.

**PROCESS FOR THE PREPARATION OF SUBSTITUTED 4-ALKYLTHIOALKANESULFONANILIDES.**

Applicants : MINNESOTA MINING AND MANUFACTURING COMPANY, OF 3M CENTFR, SAINT PAUL, MINNESOTA 55101, USA.

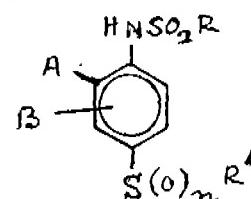
Inventors : (1) SHARON LINDA RUFFING, (2) JAMES RONDNEYTHROCK MORTON.

Application No. 100/Cyl/80 filed January 28, 1980.

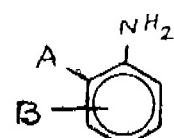
Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

**8 Claims**

A process for preparing a compound of the formula I



wherein R is monohalomethyl, R' is an alkyl group containing from 1 to 4 carbon atoms, A is halogen, B is hydrogen or halogen and n is zero which comprises (1) reacting a compound of the formula II



with thiocyanogen to form the corresponding substituted 4-thiocyananiline, (2) alkylating the thiocyanato moiety of the resulting product by reacting in an alcoholic sodium cyanide solution in which the alcohol is R'OH, (3) reacting the product of step (2) with a sulfonyl chloride RSO2Cl to form the substituted 4-alkylthio-alkanesulfonanilide and then if desired, (4) oxidizing that product in the manner such as as hereinbefore described to the corresponding product of formula I in which n is 1 or 2.

(Compl. Specn. 25 Pages.)

Drg. 1 Sheet.)

CLASS : 32F<sub>9(a)</sub>, 55D<sub>2</sub>.

151804

Int. Cl. C07c 47/48, A23I 3/34, A23b 1/14, 3/12.

**A PROCESS FOR PRODUCING ORTHO-METHOXY-CINNAMALDEHYDE.**

Applicants : KUREHA KAGAKU KOGYO KABUSHIKI KAISHA, OF 8 HORIDOME-CHO 1-CHOME, NIHONBASHI, CHUO-KU TOKYO, JAPAN.

Inventors : MASAKI SATO, YASUSHI NAGANE AND TAKAO KAWASAKI.

Application No. 107/Cal/80 filed January 29, 1980.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

**2 Claims**

A process for producing ortho-methoxycinnamaldehyde having an anti-microbial activity, which comprises reacting acetaldehyde with ortho-methoxybenzaldehyde at a temperature of 0 to 5°C, distilling the resultant product under reduced pressure at 100 to 130°C, and recrystallizing the distillate from alcohol to obtain the desired compound.

(Comp. Specn. 26 Pages.)

Drg. 2 Sheets.)

CLASS : 32F<sub>9(a)</sub>.

151805

Int. Cl. B01j 1/00, C07c 69/00.

METHOD FOR PRODUCING CARBOXYLIC ESTERS.

Applicants : ASAHI KASEI KOGYO KABUSHIKI KAISHA, of 2-6, DOJIMA-HAMA 1-CHOME, KITA-KU, OSAKA, JAPAN.

Inventors : ATSUSHI AOSHIMA, YOSHIO SUZUKI, SEIICHI YAMAMATSU & TAISUO YAMAGUCHI.

Application No. 529/Cal/80 filed May 6, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims

A process for producing a carboxylic acid ester represented by the general formula,  $R'COOK'$  in which R' is hydrogen, an alky group, an alkenyl group, an aralkyl group or an aryl group and R' is an alky group, a hydroxyalkyl group, an alkenyl group or an aralkyl group by reacting an aldehyde represented by the general formula,  $RCHO$  in which R is the same as defined above with an alcohol represented by the general formula  $R'OH$  in which R' is the same as defined above, in the presence of oxygen, characterized in that there is used a catalyst comprising an intermetallic compound comprising palladium and at least one element selected from lead, mercury, thallium and bismuth, and if necessary, at least one member selected from alkali metal compounds and alkaline earth metal compounds.

(Comp. Specn. 32 pages.)

Drg. 1 sheet.)

CLASS : 69A.

151806

Int. Cl. H01h 85/02.

#### ELECTRICAL SWITCHGEAR.

Applicants : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : ERICH ADOLPH, UNAL BAYRAK, WALTER STECKER.

Application No. 864/Cal/80, filed July 28, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 6 Claims

Electrical switchgear comprising :

a metal housing;

at least one vacuum switching device per phase, within the housing; and

a respective capacitive voltage transformer disposed around the or each said switching device, and having an inner cup-shaped electrode the base of which is detachably secured to a fixed terminal of the respective switching device.

(Comp. Specn. 5 pages.)

Drg. 1 Sheet.)

CLASS : 97F.

151807

Int. Cl. H05b 1/00, F27d 11/00.

#### ELECTRIC ARC TWO-BATH MELTING FURNACE.

Applicants/Inventors : IGOR NIKOLAEVICH KURPIN, OF NOVOSIBIRSK, PROSPEKT K.MARXA, 3, KV. 52, USSR; (2) VYACHESLAV PAVLOVICH KUCHERENKO, OF NOVOSIBIRSK, ULITSA SIBIRTSEV-GVARDEITSEV, 36, KV. 33, USSR; (3) MIKHAIL MATVEEVICH SOBOL, OF NOVOSIBIRSK, ULITSA ZORGE, 23, KV. 50, USSR; (4) VLADLEN IOSIFOVICH KRYSKOV, OF STANISIA MATVEEVSKAYA KIEVSKOI ZHELEZNOI GOROGI, 21, KV. 17, USSR; (5) VIKTOR GRIGORIEVICH SIVASH, OF BOGDANOVICH, SVERDLOVSKOI OBLASTI, ULITSA LENINA, 7, KV.7, USSR; (6) JURY FEDOROVICH PIJUKOV, OF BAKU, 9 MIKRO-RAION, 43, KV. 21, USSR; (7) LEV ZALMANOVICH BELENKY, OF LENINGRADSKOIE SHOSSE, 120, KORPUS 1, KV. 96 MOSCOW, USSR; AND (8) LARISA ALEXANDROVNA SHIKUNOVA, OF ULITSA ZARAISKAYA, 51, KORPUS 1, KV. 57, MOSCOW, USSR.

Application No. 1317/Cal/80 filed November 26, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 1 Claim

An electric arc two-bath melting furnace comprising electrodes inserted through a roof of the furnace into a melting bath and a heating bath communicating with each other, the heating bath having a hearth made in the form of a water-cooled double-step caisson with a slope towards the melting bath one step of which adjoining the melting bath casing forms with the latter an angle equal to  $110^{\circ}$ - $125^{\circ}$ , and the lower step of the caisson is positioned relative to the first step at an angle equal respectively to  $175^{\circ}$ - $148^{\circ}$ .

(Comp. Specn. 6 pages.)

Drg. 1 sheet.)

CLASS : 35E.

151808

Int. Cl. F27d 1/16.

#### METHOD OF LINING OR REPAIRING FURNACE PARTS WITH RAMMING MASS OR MOULDABLE.

Applicants : ORISSA CEMENT LIMITED, RAJGANGPUR//0017, DIST. SUNDARGARH, ORISSA, INDIA.

Inventors : DR. SHYAM LAXMAN KOLHATKAR AND TAPAN MUKHOPADHYAYA.

Application No. 1383/Cal/80 filed December 15, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 3 Claims

A method of lining or repairing furnace parts with ramming mass or mouldable which comprises mixing 3 to 20% by wt. of zircon sand with 97 to 80% by wt. of dead burnt magnesite, adding magnesium sulphate as chemical binder to the mix, adding water to the mix, and applying the wet mix to furnace parts in situ by ramming, casting or moulding.

(Comp. Specn. 4 pages.)

Drg. Nil.)

CLASS : 17C&D 83A1.

151809

Int. Cl. A23l 1/34, 1/46.

#### METHOD OF PREPARING RAW MATERIALS FOR ALBUMIN RICH FOODSTUFF WITHOUT SALT.

Applicants : NAGANO MISO KABUSHIKI KAISHA, OF 3-9-29, TENJIN, UEDA-SHI, NAGANO-KEN, JAPAN.

Inventor : HIDEKI OKA.

Application No. 1416/Cal/80 filed December 22, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 3 Claims

A method of preparing raw material for albumin rich foodstuff without salt comprising the steps of sterilizing grain malts such as herein described by immersing the same in ethyl alcohol or an aqueous solution thereof having a concentration of at least 15% alcohol for at least 15 minutes at room temperature mixing the sterilized alcohol with steamed or boiled vegetable-albumin rich substances such as herein described and aging the resulting mixture at a temperature of  $20^{\circ}\text{C}$   $50^{\circ}\text{C}$  for at least one week.

(Comp. Specn. 35 pages.)

Drg. Nil.)

CLASS : 116G.

151810

Int. Cl. B25j 1/00.

#### MANIPULATOR.

Applicant : HANS THEODOR GRISEBACH, OF KAMPSTRASSE 7, 4750 UNNA FEDERAL REPUBLIC OF GERMANY.

Inventors : HANS THEODOR GRISEBACH AND RUDOLF BETZING, VOLKER BETZING ULRICH BETZING & KLAUS BETZING.

Application No. 1074/Cal/78 filed September 26, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 20 Claims

A manipulator comprising a jib adjustable about a vertical axis, an extensible elongate support unit carried on the jib, the support unit extending vertically downwards relative to the jib, and a load holding unit carried by the lower end of the support unit, the support unit including a guide, a screw-threaded spindle, means for selectively driving the spindle in rotation, a non-rotatable ball sleeve associated with the spindle, a support plunger operatively connected with the ball sleeve whereby the plunger is a adjustable vertically in response to rotation of the spindle, a bearing element detachably mounted on the plunger at its lower end, said bearing element having at least one mounting face, a spacing element secured to said mounting face, the load holding unit connected to the spacing element, said spacing element being adapted to permit swivelling movement of the load holding unit relative to the bearing element and to clamp the same in position.

(Comp. Specn. 35 pages.)

Drg. 12 sheets.)

CLASS : 99C.

151811.

Int. Cl. B 65 d 41/00.

## MOUTHPIECE DEVICE FOR METAL DRUMS AND LIKE CONTAINERS.

Applicants : YAMATO IRON WORKS CO. LTD., OF 33-35, NISHIOGU 8-CHOME, ARAKAWA-KU, TOKYO, JAPAN.

Inventor : KINJI MINEO.

Application No. 1345/Cal/78 filed December 16, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 12 Claims

A mouthpiece device for a metal container such as a drum comprising an upright tubular portion integral with the top plate of the container, a tubular mouthpiece having an externally threaded portion and fixedly fitting around the upright tubular portion, and a cap provided with a packing and an internally threaded portion engageable with the externally threaded portion and fittable over the mouthpiece in screw-thread engagement therewith.

(Comp. Specn. 24 pages.)

Drg. 6 sheets.)

CLASS : 169B<sub>2</sub>.

151812.

Int. Cl. F 41 g 1/34.

## AN AIMING DEVICE FOR A FIREARM.

Applicants : ESCOPE TRADING COMPANY AKTIENGESELLSCHAFT, OF GRIENBACHSTRASSE 17, CH-6300 ZUG, SWITZERLAND.

Inventor : JOSEPH RICHARD KAELIN.

Application No. 99/Cal/79 filed January 31, 1979.

## 9 Claims

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

An aiming device for a firearm comprising a laying device adapted to be fitted on the firearm parallel thereto, a laser device disposed on the laying device and arranged to emit beams in the direction of the firearm muzzle and means for supplying power for energising the laser device, characterised in that the laying device comprises a bottom part and an adjusting facility for adjusting the vertical and lateral drift of a projectile, the laser device being pivotally mounted at its front end on the bottom part and being retained at its rear end on the adjusting facility for movement in two directions.

(Comp. Specn. 12 pages.)

Drg. 2 sheets.)

CLASS : 29A.

151813.

Int. Cl. G 06 g 7/00.

## COORDINATE CONVERTOR FOR CONVERTING FIRST AND SECOND PRESET QUANTITIES.

Applicants : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventor : DR. FELIX BLASCHKE.

Application No. 143/Cal/79 filed February 15, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 11 Claims

A coordinate convertor for converting first and second preset quantities,  $K \cdot \tan \alpha'$  and  $a$ , which correspond to the angle coordinate and to the magnitude coordinate respectively of a vector represented in polar coordinates, into third and fourth quantities  $a'$  and  $a''$  which correspond to the Cartesian coordinates of this vector, wherein the convertor comprises first and second multiplying means, an adding means and a subtracting means, the convertor being such that when it is in use said first quantity is applied to first input of the first multiplying means and the output quantity of the adding means is applied to a second input of the first multiplying means, the adding means is acted on by the second quantity and by the output quantity of the subtracting means, the output quantity of the first multiplying means is extracted as the fourth quantity  $a''$  and is also applied to one input of the second multiplying means, the other input of the second multiplying means is acted on by the first quantity, the second quantity  $a$  is additively applied to the subtracting means and the output quantity of the second multiplying means is subtractively applied to the said subtracting means, and the output quantity of the subtracting means is extracted as the third quantity  $a'$ .

(Comp. Specn. 19 pages.)

Drgs. 2 sheets.)

CLASS : 172C<sub>5</sub>.

151814.

Int. Cl. D 01g 9/14.

## A METHOD OF MANUFACTURING A FIBRE LAYER IN BLOW-ROOM MACHINES AND AN APPARATUS FOR CARRYING OUT THE METHOD.

Applicants : MASCHINENFABRIK RIETER A.G., OF WINTERTHUR, SWITZERLAND.

Inventors : ROLF BINDER AND PAUL STAHELI.

Application No. 683/Cal/79 filed July 4, 1979.

Convention date July 4, 1978/(28803) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 7 Claims.

A method of manufacturing a fibre layer in blow-room machines comprising the steps of taking in a fibre layer in said blow-room machines providing a number of pivotable pedal levers distributed across the width of the machine and loaded by a pressing device, providing a take-in roll, pressing the fibre layer by means of said number of pivotable pedal levers against the take-in roll and temporarily lifting-off the pedal levers from the take-in roll in response to the absence of fibre material between the take-in roll and the levers by means of a control device which deactivates the pressing device.

(Comp. Specn. 9 pages.)

Drgs. 1 sheet.)

CLASS : 32A<sub>4</sub>.

151815.

Int. Cl. C 09 b 33/10.

## PROCESS FOR THE PREPARATION OF DISAZO DYE COMPOSITION.

Applicants : SUMITOMO CHEMICAL COMPANY LIMITED, OF 15, KITAHAMA-5-CHOME, HIGASHI-KU, OSAKA, JAPAN.

Inventors : NOBUJI NISHIMURA, MASAYUKI TSUJI, SEIZO KONISHI, TADASHI YAMAMOTO, TAKEMI

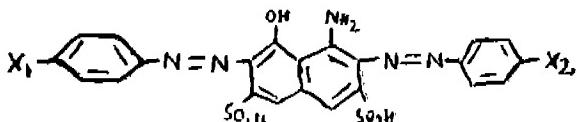
TOKIEDA, UTAZI SAWA AND SUKETSUGA KOU-MURA.

Application No. 735/Cal/79 filed July 17, 1979.

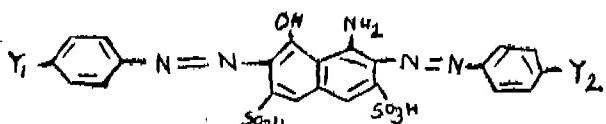
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims,

A process for producing the dye composition comprising at least one disazo dye of the formula (I) of the accompanying drawings



expressed in the form of a free acid, . . . . . wherein each  $X_1$  and  $X_2$  is  $-SO_2CH_2CH_2OCOCH_3$ ,  $-SO_2CH_2CH_2OSO_3H$  or  $-SO_2CH=CH_2$ , provided that at least one of  $X_1$  and  $X_2$  is  $-SO_2CH_2CH_2OCOCH_3$  and at least one disazo dye of the formula (II)



expressed in the form of a free acid, wherein each  $Y_1$  and  $Y_2$  is  $-SO_2CH_2CH_2OSO_3H$ ,  $-SO_2CH=CH_2$  or  $-SO_2CH_2CH_2OH$ , provided that one of  $Y_1$  and  $Y_2$  is  $-SO_2CH_2CH_2OSO_3H$  or  $-SO_2CH=CH_2$ , which comprises diazotizing a mixture of 4-aminophenyl- $\beta$ -sulfatoethyl-sulfone and 4-aminophenyl- $\beta$ -acetoxyethylsulfone in a weight ratio of 30 to 70 : 70 to 30 with a nitrite, and coupling the resulting mixture of diazonium salts with 1-amino-8-naphthol-3, 6-disulfonic acid.

Comp. Specn. 21 Pages. Drgs. 1 sheet.

CLASS : 68E.

151816.

Int. Cl: H02k 49/00.

#### ELECTRO-MAGNETIC ACTUATORS.

Applicants : LUCAS INDUSTRIES LIMITED, OF GREAT KING STREET, BIRMINGHAM, B19 2XF, ENGLAND.

Inventor : ALEC HARRY SEILLY.

Application No. 813/Cal/79 filed August 4, 1979.

Convention date August 5, 1978 and April 19, 1979/ (32381/1978 & 13721/1979) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

An electromagnetic actuator comprising a pair of members formed from magnetisable material, one of said members being hollow and being located about the other member, a plurality of circumferential ribs defined on the peripheral surface of the other member the diameter of said ribs reducing from one end of the member to the other, recesses defined between adjacent ribs, windings disposed in some or all of said recesses, electrical connections between said windings, the windings or connections thereto being such that when electric current is passed therethrough the direction of current flow in one winding will be opposite to the direction of current flow in a winding in an adjacent recess, surfaces complementary to said ribs defined on the internal surface of the one member, whereby when the other member is placed within the one member, the ribs on the other member will lie in close proximity to the surfaces respectively on the one member and when said windings are energised the adjacent ribs on said other member will be magnetically polarised and the two members will move to reduce the reluctance of the magnetic paths defined between the two members.

Comp. Spenc. 12 pages. Drg 2 sheets.

CLASS : 74.

151817.

Int. Cl. D03d 1/00; 15/00.

#### ELECTRICALLY CONDUCTIVE FABRIC IN CONVEYOR BELTING.

Applicants : THE B. F. GOODRICH COMPANY, 277 PARK AVENUE, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventors : Gary Lunsford Blalock.

Application No. 843/Cal/79 filed August 14, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

An electrically conductive fabric for use as the controlling antenna in a continuous loop of vulcanised, elastometric, conveyor belting, said fabric containing filler and warp yarns, one of said yarns being constructed of thin strands, the other of said yarns being constructed of both thin electrically insulating strands and electrically conductive parts, the said insulating strands and conductive parts being twisted along their lengths to create a continuous electrically conductive path across at least one dimension of the fabric, said filler and warp yarns being of such cross sectional size and being spaced from each other to form interstices of such extent whereby elastomeric material may flow therethrough during vulcanization of the belt laminate.

Comp. Specn. 10 Pages. Drgs. 1 sheet.

CLASS : 116H.

Int. Cl. B66c 19/00.

#### CARGO HANDLING APPARATUS.

Applicants : MITSUBISHI JUKOGYO KABUSHIKI KAISHA, OF 5-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors : SEIZI AKIYAMA, MAMORU KURIHARA AND KAZUHIKO UEKI.

Application No. 945/Cal/79 filed September 10, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim.

A cargo handling apparatus characterized in that said apparatus comprises a crane truck adapted to run or self-travel along a wharf slant surface and to be fixedly set in the proximity of a mooring position of a ship upon loading or unloading of cargoes, and a cargo transportation truck or trucks adapted to run or self-travel along the running path of said crane truck on one side or both sides thereof between a crane equipped on the shore side of said wharf slant surface and the fixedly set position of said crane truck.

Comp. Specn. 10 pages. Drg. 3 sheets.

CLASS : 163B&D. 190B.

151819.

Int. Cl. F04d 29/00.

#### TURBOMACHINE.

Applicants : CUMMINS ENGINE COMPANY, INC., OF 1000 FIFTH STREET, COLUMBUS, INDIANA 47201, UNITED STATES OF AMERICA.

Inventors : PATRICK F. FLYNN, HAROLD G. WEBER, JOHN M. MULLOY.

Application No. 1026/Cal/79 filed October 4, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 16 Claims

A turbomachine for compressible fluids comprising a rotor mounted for rotation about a substantially central transverse axis, said rotor including a hub; and a plurality of vanes mounted on and projecting from one surface of said hub, each vane being between the rotor axis and the rotor periphery and having a generally rounded vane end at said periphery smoothly merging with said vane, adjacent vanes coaxing to define at least in part a fluid passageway having a generally axially oriented section adjacent the rotor axis and a generally radially oriented section extending from said axially oriented section to the rotor periphery; a predetermined number of passageways each having a reference station provided with a generally tangentially oriented constriction and disposed within the radially oriented section thereof, the passageway configuration at said reference station having a mean tangential dimension that is no more than about 60% of the mean circumference of the rotor measured at said reference station divided by the number of vanes intersecting said circumference.

Comp. Specn. 23 pages. Drg. 5 sheets.

CLASS : 15C & 190B. 151820

Int. Cl. F16C 17/03, 17/10.

**CANT SEGMENT-RADIAL BEARING FOR HEAVILY LOADED HIGH-SPEED SHAFTS.**

Applicants : MAAG GEAR WHEEL & MACHINE COMPANY LIMITED OF P.O. BOX CH-8023 ZURICH/SWITZERLAND.

Inventor : HANS SIGG.

Application No. 1163/Cal/79 filed November 8, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims

A cant segment-radial bearing for use with heavily loaded high-speed shafts, especially turbin-generator sets and turbo-drives, comprising :

at least one support segment;

at least two guide segments;

means for mounting said at least one support segment to be tiltable in a load direction and said at least two guide segments in the opposite load direction;

said support and guide segments being arranged in spaced relationship from one another so as to form therebetween intermediate spaces;

lubricant infeed means including lubricant infeed line means for infeeding cooled lubricant under pressure to said segments;

nozzle means connected with said lubricant infeed line means and arranged in at least one intermediate space between two of said segments;

and

said nozzle means producing free lubricant jets directed intermediately at the shaft with which the bearing is used.

Comp. Specn. 21 pages. Drgs. 2 sheets.

CLASS : 40B. 151821

Int. Cl. B01j 11/00.

**A PROCESS FOR THE HOMO-OR CO-POLYMERIZATION OF OLEFINS USING A COMBINED CATALYST.**

Applicants : EUTECO IMPIANTI S.p.A., OF VIA GALIANI 11, MILAN, ITALY.

Inventors : FERDINANDO LIGORATI, RENZO INVERNIZZI, ROBERTO CATENACCI.

Application No. 1211/Cal/79 filed November 20, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 11 Claims

A process for the homo- or co-polymerization of olefins having from 2 to 10 carbon atoms per molecule by the low pressure Ziegler method, using a catalyst comprising the combination of an organo-metallic compound of a metal of Group I, II or III of the Periodic Table of the Elements and a compound of a transition metal of Group IV, V or VI of said Periodic Table supported on a carrier, characterized in that said carrier is a mixture of anhydrous  $MgCl_2$  with an alkoxy- or alkoxy-chloro-titanate in a  $MgCl_2$ /titanate molar ratio of from 0.01 to 1 : 1.

Comp. Specn. 13 pages.

Drg. Nil.

CLASS : 32B.

151822

Int. Cl. C07c 11/04.

**A PROCESS FOR THE SYNTHESIS ETHYLENE BY PYROLYSIS OF CARBOXYLIC ACID ETHYL ESTERS.**

Applicants : TEXACO DEVELOPMENT CORPORATION, OF 2000 WESTCHESTER AVENUE, WHITE PLAINS, NEW YORK 10650, UNITED STATES OF AMERICA.

Inventor : JOHN FREDERICK KNIFTON.

Application No. 15/Cal/80 filed January 7, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 10 Claims

A process for the synthesis of ethylene by pyrolysis of a carboxylic acid ethyl ester which comprises (i) preparing the said carboxylic acid ethyl ester by reaction of a mixture of carbon monoxide and hydrogen with a liquid medium containing one or more aliphatic carboxylic acids or acid anhydrides containing up to 12 carbon atoms, in the presence of a ruthenium catalyst or its precursor at a temperature of between 100°C and 350°C, and at a superatmospheric pressure of at least 500 psi (3.45 mPa), and (ii) pyrolyzing the resulting carboxylic acid ethyl ester.

Comp. Specn. 33 Pages.

Drg. Nil.

CLASS : 19E.

151823

Int. Cl. B29d 15/00, 23/00, 31/00.

**EXPANDING FIXING PLUG.**

Applicants : TOX-DURET-WERK RICHARD WIECK-HAUSSEN KG, OF 7762 BODMAN-LUDWIGSHAFEN 1, WEST GERMANY.

Inventor : JOSEF RIEDEL.

Application No. 117/Cal/80 filed January 30, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 10 Claims

Expanding fixing plug of plastics material, having a through hole for inserting a screw, and several expandable segments which are formed by longitudinal slots in the plug body, which slots extend between an annular head part and an annular foot part, into which parts a female thread can be cut by inserting the screw, which thread makes axial tensioning of the plug body possible, wherein the expanding segments comprise mutually overlapping scales or lamellae which on expansion and axial tensioning move relative to one another over their contact faces, which extend obliquely or conically relative to the plug axis, so as by so moving to splay or to increase the plug diameter.

Comp. Specn. 12 pages.

Drg. 2 sheets.

CLASS : 172D4.

151824

Int. Cl. D01h 1/00.

**A METHOD OF MANUFACTURING COVERED JUTE YARN.**

Applicants : THE DIRECTOR, JUTE TECHNOLOGICAL RESEARCH LABORATORIES, INDIAN COUNCIL OF AGRICULTURAL RESEARCH, 12, REGENT PARK, CALCUTTA-40, WEST BENGAL, INDIA.

Inventors : SHRI PARTHA SARATHI SENGUPTA, SHRI NIRAPADA GUPTA, SHRI TUSHAR KANTI GHOSH AND SHRI GOVINDA KRIPA BHATTACHARYA.

Application No. 210/Cal/80 filed February 25, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

### 5 Claims

A method of manufacturing 'Covered Jute Yarns' having novel structure where in the jute yarn with or without a filament or natural fibre yarn core is partially or fully covered during spinning by single or multiple filaments/tapes/slit films or natural fibre yarn fed through a specially designed condenser fitted in the twisting zone of the spinning frame, while the tension and the path of the filaments/tapes/slit films/natural fibre yarns are controlled by disc type tensioner and porcelain guides respectively.

Comp. Specn. 3 pages.

Drg. 1 sheet.

### OPPOSITION PROCEEDINGS

#### (1)

The opposition entered by the Concord Lighting (India) Pvt. Ltd. to the grant of a Patent on application No. 136514 made by Philips India Ltd., has been allowed and the grant of a patent on the application refused.

#### (2)

An opposition has been entered by National Research Development Corporation of India to the grant of a Patent on application No. 150943 made by Permelec Electrode Ltd,

### PATENTS SEALED

150298 150323 150332 150436 150448 150511 150524 150539  
150552 150554 150555 150561 150571 150576 150584 150585  
150587 150607 150608 150618 150619 150621 150631 150658  
150662 150663 150664 150673 150675 150676 150689

### AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendments proposed by Dr. Gray Ward, in respect of patent application No. 147508 as advertised in Part III Section 2 of the Gazette of India dated the 12th March, 1983 have been allowed.

### RENEWAL FEES PAID

80367 80391 84678 87910 88675 89620 90872 91285 91319  
93538 95058 95059 95126 95515 95631 96593 97160 97560  
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### CESSATION OF PATENTS

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112487 112503 112512 112519 113070 114428 119704 121241  
122439 122203 127453 130372 148132 149123

### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class. 1. No. 52714. Vinsan Private Limited, an Indian Private Limited Company, 28, Sham Nath Marg, Delhi-110055, Indian National of above address. "Peeler Cum Knife". 25th January, 1983.

Class. 1. No. 152627. Dewan Industries, an Indian Partnership Concern, 308/5-A, Shazada Bagh, Old Rohat Road, Delhi-110035. "Door Closer". 30th December, 1982.

Class. 1. No. 152924. M/s. Madho Mechanical Works, a partnership firm registered under the Indian Partnership Act of 1932 and also registered under the Indian Registration Act of 1908, whose address is B-49, Industrial Focal Point, G. T. Road, Moga-142001 (Punjab State) (India). "Wheat-Thrasher". 23rd March, 1983.

Class. 1. No. 152830. M/s. Shine Star Industries, 7532, Gali Tel Mill, Ram Nagar, New Delhi-110055. "a Kunda fitted to a Trunk". 5th March, 1983.

Class. 1. No. 152701. MAC Industries, 2595, Basti Panjabian, Subzi Mandi, Delhi-110007, an Indian Partnership Concern. "Mirror". 22nd January, 1983.

Class. 1. No. 152633. DLF Universal Limited, 21-22, Narindra Place, Parliament Street, New Delhi 110001, India, an Indian Company. "Motor for Mono-block". 30th December, 1982.

Class. 1. No. 152676. DLF Universal Limited, 22-22, Narindra Place, Parliament Street, New Delhi-110001, India, as Indian Company. "Clutch Motor". 15th January, 1983.

Class. 3. No. 152975. Bansal Plastic Industries, C-7, Wazirpur Industrial Area, Delhi, India, a parternership firm. "Tricycles". 7th April, 1983.

Class. 3. No. 152713. Vinsan Private Limited, an Indian Private Limited Company, 28, Sham Nath Marg, Delhi-110055, Indian National of above address. "Peeler Cum Knife". 25th January, 1983

- Class. 3. No. 152890. Prince Plastics, 312, Churchgate Chamber, 5, New Marine Lines, Bombay-400020, Maharashtra, an Indian Partnership Firm. "Water Bottle". 14th March, 1983.
- Class. 3. No. 153209. Peico Electronics and Electricals Limited of Shivasagar Estate, Block 'A', Dr. Annie Besant Road, Worli, Bombay 18(WB), Maharashtra State, India, an Indian Company. "Portable Radio". 16th June, 1983.
- Class. 3. No. 152570. Indian Craft Industries, C-37, Royal Optical Industrial Estate, Wadala, Bombay-400031, Maharashtra, an Indian Partnership Firm. "Tooth Brush". 13th December, 1982.
- Class. 3. No. 152571. Indian Craft Industries, C-37, Royal Optical Industrial Estate, Wadala, Bonibay-400031, Maharashtra, an Indian Partnership Firm, "Handle of Tooth Brush". 13th December, 1982.
- Class. 3. No. 152572. Indian Craft Industries, C-37, Royal Optical Industrial Estate, Wadala, Bombay-400031, Maharashtra, an Indian Partnership Firm, "Handle of Tooth Brush". 13th December, 1982.
- Class. 3. No. 152740. National Electronics Corporation, 47, Government Industrial Estate, 1st Floor, Kandivali (West) Bombay-400067, Maharashtra, an Indian Partnership Firm. "Transister". 1st February, 1983.
- Class. 3. No. 152920. Racal Acoustics Limited, a British Company of Beresford Avenue, Wembley, Middlesex HA9 LRU, England. "Cable Connector". Priority date is 16th November, 1982 (U.K.).
- Class. 3. No. 153182. Peico Electronics and Electricals Ltd., of Shivasagar Estate, Block 'A', Dr. Annie Besant Road, Worli, Bombay-18 (WB), Maharashtra State, India, an Indian Company. "Sound Machine". 7th June, 1983.
- Class. 3. No. 153189. M/s. Abdul Rashid Sons, of T-248, Idgan Road, Delhi-6. (Indian National) a Proprietorship concern. "Imported Jumer". 8th June, 1983.
- Class. 3. No. 153197. Peico Electronics and Electricals Ltd. of Shivasagar Estate, Block 'A', Dr. Annie Besant Road, Worli, Bombay-18 (WB), Maharashtra State, India, an Indian Company. "Pocket Radio". 13th June, 1983.
- Class. 10. No. 153102. Industrial & Commercial Traders, Swastik Industries Compound, Ram Baug, Chincholi, Bunder Road, Malad, West, Bombay-400064, Maharashtra, an Indian Partnership Firm. "Footwear". 17th May, 1983.
- Class. 14. No. 152935. The Handicrafts and Handlooms Exports Corporation of India Ltd. "Sudarsan Buildings" 14 Whites Road, Madras-600-014, Tamil Nadu, India, a Government of India undertaking. "Textile fabrics". 25th March, 1983.
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- Class. 14. No. 152937. The Handicrafts and Handlooms Exports Corporation of India Ltd. "Sudarsan Buildings" 14 Whites Road, Madras-600-014, Tamil Nadu, India, a Government of India undertaking. "Textile fabrics". 25th March, 1983.
- Class. 14. No. 152938. The Handicrafts and Handlooms Exports Corporation of India Ltd. "Sudarsan Buildings" 14 Whites Road, Madras-600-014, Tamil Nadu, India, a Government of India undertaking. "Textile fabrics". 25th March, 1983.
- Ltm. of copyright for the Second Period of five years.*
- Nos. 147141, 147142, 147143, 147144, 147145, 147146, 147160 .. Class-1.
- Nos. 143608, 143506, 148088, 148139, 148140, 148141, 147337 .. Class-4.
- Nos. 146664, 146665, 146668, 146669, 146670, 146671, 146672, 146677 .. Class-10.
- Extn. of copyright for the Second Period of five years.*
- Nos. 140934, 140935, 140979. .. Class-1.
- Nos. 140976, 140977, 140978, 141009. .. Class-3.
- Nos. 148088, 148139, 148140, 148141, 147337. .. Class-4.

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